

## **AMENDMENTS TO THE CLAIMS**

### **In the Claims:**

1. (Currently amended) A system for the remote assessment of a patient's medical condition comprising  
a network computer system having specifiable network addresses;  
remote from said network computer system, a patient electronic data collection system for locally collecting data relevant to the patient's medical condition;  
a communicator for wirelessly communicating with an endpoint to said network computer system to enable transfer of said data to the network computer system, wherein the data includes a patient identifier; and  
a secure access gateway permitting access to the data on the network computer system in response to a user ~~authorisation~~ authorization command.
2. (Original) A system according to claim 1, wherein said patient electronic data collection system forms part of a patient monitoring system which collects data relevant to the patient's medical condition on a regular basis.
3. (Original) A system according to claim 2, wherein the patient electronic data collection system forms part of a patient monitoring system which collects data relevant to the patient's medical condition on a continuous basis.
4. (Previously presented) A system according to Claim 1, wherein said patient monitoring system forms part of a compliance monitoring system arranged to monitor patient compliance with a particular treatment regime.
5. (Previously presented) A system according to Claim 1, wherein the patient electronic data collection system forms part of a medicament delivery system and is arranged to collect data when the patient uses the medicament delivery system.

6. (Original) A system according to claim 5, wherein the medicament delivery system provides respirable delivery of medicament to the patient.

7. (Original) A system according to claim 5, wherein the medicament delivery system provides injectable delivery of medicament to the patient.

8. (Original) A system according to claim 5, wherein the medicament delivery system is an implant in the body of the patient.

9. (Previously presented) A system according to Claim 1, wherein the data is communicable between the patient electronic data collection system and the network computer system in encrypted form.

10. (Previously presented) A system according to Claim 1, wherein the data is continuously communicable between the patient electronic data collection system and the network computer system.

11. (Previously presented) A system according to Claim 1, wherein the data is communicable in packet form between the patient electronic data collection system and the network computer system.

12. (Previously presented) A system according to Claim 1, wherein the secure access gateway is password protected.

13. (Currently amended) A system according to Claim 1, wherein the secure access gateway enables different levels of access ~~authorisation~~ authorization to the data to be assigned to different ~~authorised~~ authorized users.

14. (Currently amended) A system according to Claim 1, wherein the ~~authorised~~ authorized users are selected from the group consisting of the patient,

a healthcare professional, a pharmacist, an emergency assistance provider, a research professional, a database manager and any combinations thereof.

15. (Previously presented) A system according to Claim 1, wherein information from a patient-remote datasource is made available to the network computer system.

16. (Original) A system according to claim 15, wherein the patient-remote datasource comprises data relating to ambient environmental conditions.

17. (Original) A system according to claim 15, wherein the patient-remote datasource comprises a database of prescribable medicaments.

18. (Previously presented) A system according to Claim 1, wherein the patient electronic data collection system further comprises a patient electronic data management system comprising

- a memory for storage of data;
- a microprocessor for performing operations on said data; and
- a transmitter for transmitting a signal relating to the data or the outcome of an operation on the data.

19. (Original) A system according to claim 18, wherein said patient electronic data management system additionally comprises a geographic positioning system.

20. (Previously presented) A system according to Claim 18, wherein the communicator enables two-way transfer of data between the network computer system and the patient electronic data management system.

21. (Currently amended) A system according to Claim 1, additionally comprising an ~~authorised~~ authorized user data communicator comprising

an ~~authorised~~ authorized user electronic data management system comprising

a memory for storage of data;

a microprocessor for performing operations on said data; and

a transmitter for transmitting a signal relating to the data or the outcome of an operation on the data; and

a communicator for wirelessly communicating with an entryptpoint to a network computer system to enable communication of data between the network computer system and the ~~authorised~~ authorized user electronic data management system.

22. (Currently amended) A system according to claim 21 for the remote assessment of a patient's medical condition and remote prescription therefor comprising

a first ~~authorised~~ authorized user data communicator capable of communicating a prescription ~~authorisation~~ authorization command to the network computer system; and

a second ~~authorised~~ authorized user data communicator capable of receiving a prescription ~~authorisation~~ authorization command from the network computer system.

23. (Previously presented) A system according to Claim 1, wherein any communicator employs radiofrequency or optical signals.

24. (Currently amended) A system according to Claim 1, wherein any communicator communicates directly with the network computer system ~~via a gateway thereto~~.

25. (Cancelled)

26. (Previously presented) A system according to Claim 1, wherein the communicator communicates with the network computer system via a second communications device having telecommunications capability.

27. (Original) A system according to claim 26, wherein the telecommunications device comprises a cellular phone or pager.

28. (Previously presented) A system according to Claim 25, wherein the communicator communicates with the second communications device using spread spectrum radiofrequency signals.

29. (Previously presented) A system according to Claim 1, wherein the network computer system comprises a public access network computer system.

30. (Previously presented) A system according to Claim 1, wherein the network computer system comprises a private access network computer system.

31. (Previously presented) A system according to Claim 1, wherein the patient-specific network address is selected from the group consisting of a web-site address, an e-mail address and a file transfer protocol address.

32. (Previously presented) A system according to Claim 18, wherein the patient electronic data management system additionally comprises a data input system for patient input of data to the electronic data management system.

33. (Currently amended) A system according to claim 32, wherein said data input system comprises ~~a man-machine interface selected from a keypad, graphical user interface (GUI), voice recognition interface or biometrics interface.~~

34. (Previously presented) A system according to Claim 18, additionally comprising a display for display of data from the patient electronic data management system to the patient.

35. (Previously presented) A system according to Claim 1 for the remote assessment of a patient's respiratory condition additionally comprising a sensor which senses the breath of a user, wherein the sensor communicates breath data to the patient electronic data collection system.

36. (Original) A system according to claim 35, wherein said sensor comprises a breath-movable element which is movable in response to the breath of a patient.

37. (Original) A system according to claim 36, wherein said breath-movable element is selected from the group consisting of a vane, a sail, a piston and an impeller.

38. (Original) A system according to claim 35, wherein the sensor comprises a pressure sensor for sensing the pressure profile associated with the breath of a user.

39. (Original) A system according to claim 35, wherein the sensor comprises an airflow sensor for sensing the airflow profile associated with the breath of a user.

40. (Original) A system according to claim 35, wherein the sensor comprises a temperature sensor for sensing the temperature profile associated with the breath of a user.

41. (Original) A system according to claim 35, wherein the sensor comprises a moisture sensor for sensing the moisture profile associated with the breath of a user.

42. (Original) A system according to claim 35, wherein the sensor comprises a gas sensor for sensing the oxygen or carbon dioxide profile associated with the breath of a user.

43. (Previously presented) A system according to Claim 35, wherein said breath data includes breath cycle data.

44. (Previously presented) A system according to Claim 35, wherein said breath data includes peak flow data.

45. (Previously presented) A system according to Claim 1 for the remote assessment of a patient's cardiovascular condition additionally comprising a sensor which senses the cardiovascular activity of a patient, wherein the sensor communicates cardiovascular data to the electronic data collection system.

46. (Original) A system according to claim 45, wherein said sensor measures the blood pressure of the patient.

47. (Currently amended) A method for remotely assessing a patient's medical condition comprising

- locally collecting data relevant to the patient's medical condition in electronic form;
- wirelessly communicating with an endpoint to a remote network computer system to enable transfer of said data to said remote network computer system; and

permitting ~~authorised~~ authorized user access to the data on the remote network computer system via a secure access gateway.

48. (Original) A method according to claim 47, comprising collecting the data on a regular basis.

49. (Original) A method according to claim 47, comprising collecting the data on a continuous basis.

50. (Previously presented) A method according to Claim 47, comprising wirelessly communicating the data in encrypted form.

51. (Previously presented) A method according to Claim 47, wherein the data is continuously communicable.

52. (Previously presented) A method according to Claim 47, wherein the data is communicable in packet form.

53. (Currently amended) A method according to Claim 47, comprising permitting different levels of access to the data to different ~~authorised~~ authorized users.

54. (Currently amended) A method according to Claim 47 for remotely assessing a patient's condition and remotely prescribing therefor additionally comprising

a first ~~authorised~~ authorized user communicating a prescription ~~authorisation~~ authorization command to the network computer system;

a second ~~authorised~~ authorized user receiving said prescription ~~authorisation~~ authorization command from the network computer system; and

said second ~~authorised~~ authorized user preparing the prescription based on the prescription ~~authorisation~~ authorization.



55. (Currently amended) A method according to Claim 47 for remotely assessing a patient's condition and remotely prescribing therefor additionally comprising

a first ~~authorised~~ authorized user communicating a prescription ~~authorisation~~ authorization command to a pharmacy network computer system;

a second ~~authorised~~ authorized user receiving said prescription ~~authorisation~~ authorization command from the pharmacy network computer system; and

said second ~~authorised~~ authorized user preparing the prescription for the patient based on the prescription ~~authorisation~~ authorization.

wherein the pharmacy network computer system is arranged for communication with the network computer system.

56. (Currently amended) A method according to Claim 54, wherein the first ~~authorised~~ authorized user communicates the prescription ~~authorisation~~ authorization in response to a 'update prescription' alerting signal visible at the patient-specific network address.

57-61. (Cancelled).